

CONFIDENTIAL

MEMORANDUM FOR: Director of Communications

FROM: James H. McDonald
Director of Logistics

SUBJECT: Satellite Communications Requirements ☐

25X1
25X1A

25X1 1. ☐ In response to an oral query from ☐ of your office concerning our satellite communications requirements in the time frame 1982-1987, we have determined that there are two activities that could be greatly improved by rapid data transmission from the field; i.e., requisitioning and real estate transactions.

25X1 2. ☐ In the requisitioning area, we have assumed that by 1982 our supply system will require requisitions by single line item which would permit automatic processing in our Inventory Control System. ☐

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25X1 ☐ The type of service required would be part-time and on-call; the data rate would be 2400 bits per second; the service would be needed primarily from overseas to Headquarters and would require daily usage of 30 minutes or less. Of course, certain customer requisition status information (Headquarters to overseas) would also require service via satellite, and this would cause the daily usage rate to vary slightly.

25X1 3. ☐ In the real estate area, we envisage an automated real property system which will record acquisitions and disposals, whether the property is leased, owned, or assigned; and occupancy changes. All stations would be transmitting data but only when changes occurred. At the large stations, this could take 1 to 2 hours a month; while at the small stations, it might take only 20 minutes in a whole year. The data rate would be ~~1-1.544~~ ²⁴⁰⁰ million bits per second, or successor standard. Service would be required both ways for the large stations but only from the field to Headquarters for the small stations.

James H. McDonald

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CONFIDENTIAL

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MEMORANDUM FOR: Director
Office of Communications

FROM: James H. McDonald
DIRECTOR of LOGISTICS

SUBJECT: Satellite Communications
Requirements (U)

1. ☐ In response to an oral query from of your office concerning our satellite communications requirements in the time frame 1982-1987, we have determined that there are two ~~area~~ activities that could be greatly improved by rapid data transmission from the field, i.e., requisitioning and real estate ~~transactions~~ ^{transactions}.

2. ☐ In the requisitioning area we have assumed that by ~~the mid 80s~~ 1982 our supply system will require requisitions by single line item which would permit automatic processing in our Inventory Control System.

The type of service required would be part-time and on call. the data rate would be 2400 ^{bits per second} BAUD; the service would be ^{needed} primarily from overseas to Headquarters and require daily usage of 30 minutes or less. Of course, certain customer reorganization status

reorganization (Headquarters to overseas) would also require service via satellite and this would cause the daily usage.

25X1

3. In the real estate area, we envisage an automated real property system which will record acquisitions ^{and} disposals, whether ~~the property~~ ^{the property} is leased, owned, or assigned, and occupancy changes. ~~Approximately 750~~ ^{all} stations would be transmitting data, ^{but} only when changes occurred. ~~At~~ ^{the} large stations could take 1 to 2 hours a month, while at the small stations, ~~maybe only~~ it might take only 20 minutes in a whole year. The data rate would be T-1 (1.544 million bits per second) or successor standard. Service ~~from field~~ would be required both ways for the large stations but only from the field to headquarters for the small stations.

Joe: Last part of #1

What about notification to field on
delays, substitutions, shipments etc.?

What is BAUD?

(Bits per second)
(Line speed)

1/2